Attorney Docket Number

160-027

of

1

Sheet

			U.S. PATE	NT DOCUMENTS	•
Examiner Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TT		US-5,963,848	10/05/1999	D'Avello	
TT		US-5,606,727	02/25/1997	Ueda	
	<u> </u>	US-			
	<u> </u>	US-			
		· US-			
		US-			
		US-			
	<u> </u>	US-	<u> </u>		
		US			
		US			
		US-			·
		US-			
		US-	]		

	FOREIGN PATENT DOCUMENTS							
Examiner Cite No.1			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
		·						
						$\Box$		
						T		

Examiner Signature /Tan Trinh/ Date Considered 10/27/2006

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at <a href="www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute fo	or form 1449A/I	PTO		Complete	e if Known	
				Application Number	10/781,219	
INFO	RMATION	<b>DISCLOS</b>	SURE	Filing Date	2/18/2004	
STA	TEMENT B	Y APPLIC	CANT	First Named Inventor	Backes	
(use	e as many shee	ets as neces	sary)	Art Unit		
				Examiner Name	Not yet known	
Sheet	1	of	1	Attorney Docket Number	160-027	

			U.S. PATE	NT DOCUMENTS		
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where	
Initials*	No.1	Number - Kind Code <sup>2</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
TT	<u> </u>	US-5,493,694	02/20/1996	Vloek et al.		
TT		US-8,266,537	07/24/2001	Kashitani et al.		
TT	<u></u>	US-2004/0054767	03/18/2004	Karaoguz et al.		
	<u></u>	US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-	l .			
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				
		US-				

	FOREIGN PATENT DOCUMENTS							
Examiner Initiats*	Cite No.1	Foreign Patent Document  Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>3</sup> ( <i>il known</i> )	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Retevant Passages or Relevant Figures Appear	70		
	-							
	-					-		
						F		
			· · · · · · · · · · · · · · · · · · ·			ļ		
						$\perp$		
						<u>Ц</u>		

Signature Considered \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not

Date

10/27/2006

Examiner

/Tan Trinh/

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Uraw line through Glauton if not in conformance and considered. Include copy of this form with next communication to applicant.

'Applicant's unique citation designation number (optional). "See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

'Enter Office that issued the document, by the two-letter code (WIPO Standard ST\_3). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. "Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. Washington, DC 20231.

PTC/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0851-0031

U.S. Patent and Tredemark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB

Therefore

Substitute fo	or form 1449A	/PTO		Complete	if Known	
				Application Number	10/781,219	
INFO	RMATION	i Disclos	SURE	Filing Date	02/18/2004	
STA	STATEMENT BY APPLICANT			First Named Inventor	Backes	
(us	as many she	ets as neces	sary)	Art Unit		
				Examiner Name	Unknown	
Sheet	1	of	1	Attorney Docket Number	150-027	

			U.S. PATE	NT DOCUMENTS	
Saminer	Ctte	Cocument Number	Publication Date	Name of Patentee or	Pages, Columns, Unes, Where
bitais	ND.	Mumber - Kind Code <sup>2</sup> (# known)	MAN-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
TT		US-6,795,407	09/21/2004	Chesson	
TT	<u> </u>	US-6,870,815	03/22/2005	McFarland et al.	
		US-			
	L	US-			
		US-			<del></del>
		US-			<del>                                     </del>
		US-			
		US-			
		US-			~ <del></del>
		US-			
		US-			
		US-			<del></del>
		US-			
		US-			
		<b>1</b> 9-			
		US-			1
		us-		· ·	
		US-			
		U\$-			<del></del>
		US-			

·		FOREIG	N PATENT DOC	JMENTS		
Examiner Indials	Cite No.1	Foreign Peters Document  Country Code <sup>3</sup> - Number <sup>4</sup> - (Ind Code <sup>6</sup> (If Innovn)	Publication Data MM-DD-YYYY	Name of Patentes or Applicant of Cited Document	Pogos, Columns, Lines, Whore Relevant Passages or Relevant Figures Appear	7
	-					Ŧ
						土
						Ţ
						土
						F
						t
						T

Examiner Signature	/Tan Trinh/	Date	10/27/2006

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw tine through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.com or MPEP 801.04.

Enter Office that issued the document, by the two-letter code (WIPO Standard ST.S). "For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. "Applicant is to place a check mark here if English language Translation is attached. Burden Hour Statement. This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case, Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents,

PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
for the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB
rumber. der the P

EN & TRAS

Substitute for form 1449A/PTO Complete if Known 10/781219 **Application Number INFORMATION DISCLOSURE** 2/18/2004 Filing Date STATEMENT BY APPLICANT First Named Inventor **Backes** (use as many sheets as necessary) Art Unit Examiner Name Sheet of **Attomey Docket Number** 160-027

			U.S. PATE	ENT DOCUMENTS	
Exeminer Initials*	Cite No.1	Document Number  Number - Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
TT		US- 2004/0137915 A1	7/15/2004	Diener et al.	
1		US- 2003.0207699 A1	11/6/2003	Shpak	· • · · · · · · · · · · · · · · · · · ·
		US- 2002/0193113 A1	12/19/2002	Shibutani	•
		US- 2002/0141375 A1	10/3/2002	Choi	••••••••••••••••
		US- 2003/0022686 A1	1/30/2003	Soomro et al.	***************************************
		US- 2002/0176437 A1	11/28/2002	Busch et al.	• • • • • • • • • • • • • • • • • • • •
		US- 2003/0002456 A1	1/2/2003	Soomro et al.	•••••••••••••••••••••••••••••••••••••••
		US- 2002/0060995 A1	5/23/2002	Cervello et al.	<b>†</b>
		US- 6,741,863 B1	5/25/2004	Chiang et al.	•••••••••••••••••••••••••••••••••••••••
		US- 6,560,462 B1	5/6/2003	Ravi et al.	<b>•••••••••••••••••••••••••••••••••••••</b>
		US- 6,332,007 B1	12/18/2001	Wu et al.	1
		UŞ- 6,208,629 B1	3/27/2001	Jaszewski et al.	***************************************
		US- 6,198,924 B1	3/6/2001	Ishli et al.	······
		US- 6,760,748 B1	7/6/2004	Hakim	1
		US- 6,111,867	12/12/1997	Mann	<b></b>
		US- 6,574,477	10/6/1999	Rathunde	1
		US- 6,574,474	5/20/1999	Nielson	<b>†</b> ·····
		US- 6,732,163	1/5/2000	Halasz	•
		US- 6,215,779	9/22/1998	Bender	
		US- 6,636,737	4/10/2000	Hills	•••••••••••••••••••
		US- 6,738,599	3/14/2002	Black	
	Ì	US- 6,522,881	3/8/2000	Feder	
TT	- 1	US- 6,208,629	3/10/1999	Jaszewski	Ī

	FOREIGN PATENT DOCUMENTS									
Examiner	Examiner Cite No.	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear					
		Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	MM-DD-YYYY	Applicant of Cited Document	or Relevant Figures Appear	٣				
••••••••••••		***************************************	***************************************	***************************************	**** *** * * * * * * * * * * * * * * * *					
		······································	•••••••••••••••••••••••••••••••••••••••			<b> </b>				
		***************************************			***************************************	L				
		***************************************	)		***************************************					
		***************************************			***************************************	I				
		***************************************		***************************************	***************************************					
•••••••••		***************************************	· · · · · · · · · · · · · · · · · · ·	***************************************	************************************	ļļ				
						ľ				

Examiner Signature	/Tan Trinh/	Date Considered	10/27/2006	

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance \*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional).

See Kinds Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04.

Senter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

Applicant is to place a check mark here if English language

Translation is attached.

Burden Hour Statement. This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office. Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

PTO/SB/088 (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449B/PTO				Complete if Known		
				Application Number	10/781219	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	2/18/2004	
				First Named Inventor	Backes	
				Group Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket Number	160-027	

	OTHER PRIOR ART — NON PATENT LITERATURE DOCUMENTS					
Examiner tritials*	Cite, No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), data, page(s), volume-issue number(s), publisher, city and/or country where published.	1			
TT		IEEE, Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) specifications, Standard 802.11, 1999 edition, Reference number ISO/IEC 8802-11:1999(E), 528 Pages. (August 20.1949)				
TT		MICHAEL BARR, "Toward a Smaller Java", Embedded.com, June 14, 2002, Pages 1-9.	-			
тт		Moustafa Youssef, "Handling Samples Correlation in the Horus System", IEEE INFOCOM 2004  (Toly 1604)  Kin K. Leung, "Integrated Link Adaptation and Power Control for Wireless IP Networks", AT&T Labs—	•			
TT		Kin K. Leung, "Integrated Link Adaptation and Power Control for Wireless IP Networks", AT&T Labs – research, January 19, 2000.				
ТТ		Ana Zapater et. Al., "Development and Implementation of a Bluetooth Networking Infrastructure for the a Notebook – University Scenario", Institute of Communications Engineering, University of Hannover, May 13, 2003.				
TT		Walter Klotz, "Graph Coloring Algorithms", 1999. (Printing is Not Listed Month) 7.7.				
TT		Brent N. Chun et. Al., "Market-based Proportional esource Sharing for Clusters", University of California at Berkeley computer Science Division, September 1999.				
TT		The Four Color Theorem, Web page, author(s) unknown, updated November 13, 1995.				
• • • • • • • • • • • • • • • • • • • •			****			
			••••			
			<b> </b>			

Examiner	1. Jan	Date	10016
Signature	( bulan	Considered	10/27/06

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231

<sup>&</sup>lt;sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.